Contents

Marine Geology Volume 104, 1992

Research Papers

The Late Weichselian glacial maximum on western Spitsbergen inferred from offshore sediment cores
J.I. Svendsen and J. Mangerud (Bergen, Norway), A. Elverhøi (Oslo, Norway), A. Solheim (Oslo Lufthavn, Norway) and R.T.E. Schüttenhelm (Haarlem, The Netherlands) 1
Accumulation rates of surface sediments in the Norwegian–Greenland Sea
H. Paetsch, R. Botz, J.C. Scholten and P. Stoffers (Kiel, Germany) 19
Sediment flux patterns in the northeastern Atlantic: variability since the Last Interglacial
M. Cremer, F. Grousset, J.C. Faugères, J. Duprat and E. Gonthier (Talence, France 31
Quaternary sedimentary history of Adana, Cilicia and Iskenderun Basins: northeast Mediterranean Sea
A.E. Aksu (St. John's, Nfld., Canada), A. Ulug (Izmir, Turkey), D.J.W. Piper (Dartmouth, N.S., Canada), Y.T. Konuk (Izmir, Turkey) and S. Turgut (Ankara, Turkey) 55
Seismic stratigraphy and late Quaternary sediments in inner and mid-shelf areas of eastern Mersin Bay, Northeastern Mediterranean Sea
M. Ergin, M. Okyar and K. Timur (Icel, Turkey) 73
Recent gravitative mass movements in a highly tectonically active arc system: The Hellenic Arc
G. Ferentinos (Patras, Greece) 93
Effect of sea-level variation on upper-slope depositional processes offshore of Tiber delta, Tyrrhenian Sea, Italy
F.L. Chiocci (Rome, Italy) and W.R. Normark (Menlo Park, Calif., U.S.A.) 109
Neogene to Recent stratigraphy and depositional regimes of the northwest Florida inner continental shelf
S.D. Locker and L.J. Doyle (St. Petersburg, Fla., U.S.A.) 123
Dynamic hydrology and diagenesis of a submerged Pleistocene fringing reef, Discovery Bay, Jamaica
M.L. McCullough and L.S. Land (Austin, Tex., U.S.A.) 139
Late Quaternary carbonate sedimentation on the lower Guajira shelf, Colombia
M. Pujos and O. Javelaud (Talence, France) 153
Sedimentology of fine-grained turbidites inferred from continuously recorded physical properties data
A. Wetzel (Basel, Switzerland) and P. Balson (Nottingham, U.K.) 165
The use of the textural parameters of sand in studying the characteristics and depositional processes of coastal sediments south of Jeddah, Saudi Arabia
A.M.S. Sagga (Jeddah, Saudi Arabia) 179
Benthic foraminifera in carbonate facies of a coastal sabkha, Red Sea coast, Saudi Arabia
M. Abou Ouf (Jeddah, Saudi Arabia) 187
Largo Bank: A shoreface-connected linear shoal at the Bahía Blanca Estuary entrance, Argentina
E.A. Gómez and G.M.E. Perillo (Bahía Blanca, Argentina) 193
Origin and dispersal of recent clay minerals in the Yellow Sea
Y.A. Park and B.K. Khim (Seoul, Korea) 205
Notes on the performance of an optical backscatter sensor for cohesive sediments
J.P.-Y. Maa and J. Xu (Gloucester Point, Va., U.S.A.) and M. Victor (Lynchburg, Va., U.S.A.) 215

Letter Section

A note on the factors controlling the sedimentation rate along the western continental shelf of India
B.R. Manjunatha and R. Shankar (Karnataka, India) 219

Special Section: New Horizons in the Oceans—the Darwin Symposium

Preface 226
Three trench endings in eastern Indonesia
J. Milsom (London, U.K.), D. Masson (Wormley, U.K.) and G. Nicols (Surrey, U.K.) 227
The Valu Fa Ridge: The pattern of volcanic activity at a back arc spreading centre
J.S. Collier and M.C. Sinha (Cambridge, U.K.) 243

Deformation at plate boundaries around the Gulf of Oman
T.A. Minshull (Birmingham, U.K.) and R.S. White, P.J. Barton and J.S. Collier (Cambridge, U.K.) 265
Deep currents in the Arabian Sea in 1987
B.A. Warren and G.C. Johnson (Woods Hole, Mass., U.S.A.) 279

Abstracts
Rare earth elements and neodymium isotopes in the Indian Ocean
C.J. Bertram (Cambridge, U.K.), B. Dickie (Leicester, U.K.) and H. Elderfield and M.J. Greaves (Cambridge, U.K.) 289
The monsoon induced upwelling system of the southern coast of Oman
G. Savidge (Portaferry, Northern Ireland, U.K.), A.E. Elliot (Bangor, Wales, U.K.) and L. Hubbard (Portaferry, Northern Ireland, U.K.) 290
Nutrient biogeochemical fluxes in the Northwestern Indian Ocean
R.F.C. Mantoura, P.H.B. Burkill, N.J.P. Owens, C.A. Law, E.M.S. Woodward, R.J. Howland and C.A. Llewellyn (Plymouth, U.K.) 291

Book Review

Deep Marine Environments: Clastic Sedimentation and Tectonics, by K.T. Pickering, R.N. Hiscott and F.J. Hein (Editors)—
N. Kenyon 293